

OEM Services (CLINs 0057 through 0091)

1. Provide OEM certified technical representative (mechanical and electrical) to assist ship repair activity and/or vessel with technical issues during installation or operational instances. Instructions and tasks will be varied and will be determined by the Government depending on instance. Each unit shall be a block of 40 hours. One block equals 40 hours. Installation service support for each ship is estimated to include 3 blocks (or 120 hours) support per each ship. Pricing shall include technical services and any related travel expenses in the following ports called for each of the contract years.

- a. Norfolk, VA
- b. Mayport, FL
- c. San Diego, CA
- d. Everett, WA
- e. Pearl Harbor, HI
- f. Manama, Bahrain
- g. Yokosuka, Japan

Additionally, this CLIN may be exercised to meet emergent needs (Vendor technical support) for units already installed. In this case the CLIN will be exercised for that port.

Each block of services exercised will be for that particular port. Vendor shall supply a single point of contact for coordination of services. Services shall commence within 2 business days of notification of CLIN award. The 40 hour block may or may not be used for consecutive days, however the minimum call will be for 8 hours. The Vendor shall track hours used and provide standard service reports filed by the technician. A single summary report shall be supplied by vendor to NSWCCD-SSES Code 9324 at the completion of 40 hours block.

### Special Tools (CLINs 0092 through 0096)

Each lot of special tools shall include all special tooling to do onboard preventative and corrective maintenance required by engine OEM up to (but not including) first overhaul point. This shall also include software programs, connectors/adapters, etc required to interface with engine electronics for troubleshooting. Routine tools such as standard wrenches, screwdrivers, socket sets, etc need not be included. Vendor shall submit a list of special tools proposed that corresponds with the priced CLIN along with a short description that includes function.

#### Extension Harness (CLINs 0097 through 0101)

A harness shall be priced that allows for remote mounting of the engine mounted instrument panel. Harness shall include removable plugs that allow for easy connection/disconnection. Length- 25 foot. Sheathing shall be similar to that used for standard engine wiring harness. Harness shall include all brackets needed to connect the harness to the engine (mount for plug) and also any brackets that will be needed to mount the instrument panel to ships structure (assume 3" angle bracketing).

It is estimated that 1 harness will be required on every 4<sup>th</sup> engine ordered (1 per shipset). Any testing required by First Article shall not utilize this extension harness.